

What is claimed is:

1. A process for producing a positive electrode for a secondary battery, said process comprising:

(a) temporarily calcining a raw material containing a lithium compound under an oxidizing atmosphere to form calcined powders;

(b) forming said calcined powders to shape of an electrode after incorporating organic fibers or organic polymer particles thereinto; and

(c) calcining the formed calcined powders under the oxidizing atmosphere, thereby obtaining a porous sintered positive electrode.

2. The process for producing a positive electrode for a secondary battery according to claim 1, wherein said organic fibers have a cross-sectional diameter of 0.1 to 100  $\mu\text{m}$  and said organic polymer particles have a diameter of 0.1 to 100  $\mu\text{m}$